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(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Gurary et al.

Application No.:

Group Art Unit:

Filed: January 16, 2002

Examiner: Not Yet Assigned

For: REACTOR HAVING A
MOVABLE SHUTTER

Commissioner for Patents
Washington, DC 20231



INFORMATION DISCLOSURE STATEMENT

Dear Sir:

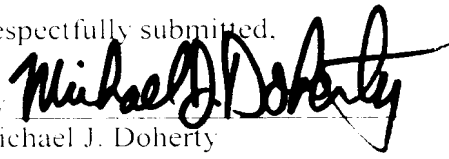
It is respectfully requested that the references listed on the enclosed form be made of record and considered with respect to the above-referenced U.S. patent application. A copy of each reference is enclosed. Submission of the present Information Disclosure Statement should not be taken as an admission that the cited references are legally available prior art or that the same are pertinent or material.

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Dated: January 16, 2002

Respectfully submitted,

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Complete if Known | |
| | | Application Number | Not Assigned Yet |
| | | Filing Date | |
| | | First Named Inventor | Alexander Gurary |
| | | Group Art Unit | |
| Examiner Name | Not Yet Assigned | | |
| Attorney Docket Number | EMCORE 3.0-069 | | |
| Sheet 1 of 2 | | | |



| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|----------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials* | Cite No. | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| JW | A | 4,309,961 | | Satoh | 01-12-1982 | |
| | B | 4,318,889 | | Schiller | 03-09-1982 | |
| | C | 4,539,933 | | Campbell et al. | 09-10-1985 | |
| | D | 4,565,157 | | Brors et al. | 01-21-1986 | |
| | E | 4,658,513 | | Strattman | 04-21-1987 | |
| | F | 4,690,098 | | Mertens et al. | 09-01-1987 | |
| | G | 4,747,368 | | Brien et al. | 05-31-1988 | |
| | H | 5,346,513 | | Taniguchi et al. | 09-13-1994 | |
| | I | 5,368,648 | | Sekizuka | 11-29-1994 | |
| | J | 5,497,727 | | Mayeda et al. | 03-12-1996 | |
| | K | 5,855,677 | | Carlson et al. | 01-05-1999 | |
| | L | 5,942,038 | | Mayeda et al. | 08-24-1999 | |
| | M | 6,039,811 | | Park et al. | 03-21-2000 | |
| | N | 6,086,362 | | White et al. | 07-11-2000 | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|----------|-------------------------|---------------------|---|--|---|
| Examiner Initials* | Cite No. | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| Examiner Signature | <i>KAPPA MOORE</i> | Date Considered | 6/8/03 |
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